

Hepatitis B Perinatal Case Management – Case Tests Design

I. Screen prototype: Initial Load

JURISDICTION BASED SECURITY – EDIT link is only available to users that have access for the manage jurisdiction for the condition.

- Refer to properties in Global.ascx.vb file for proper security roles and screen displays.
(Ex. ViewHIV, viewTBDisease, viewCD)

Always Display Top Piece

Case Management for BABY BUSCHJOST (Party ID: 122333233)						
Date of Birth: 02/02/2015 Sex: MALE Race: WHITE						
Case Managemet Modified Date: 06/21/2010 by BUSCHM				Survweb Case ID: 186768909		
Type of Case:	INFANT		Jurisdiction:	COLE		
			Jurisdiction Type:	CASE		
Laboratory: * Search ST MARY'S HOSPITAL LAB 100 ST MARYS BLVD, JEFFERSON CITY, MO 65101						
Test Type: *	HBSAG		Other Test Type:			
Result Date: *	05/24/2010 >		Specimen Date: *	05/24/2010 >		
Qualitative Result:	NEGATIVE		Other Result:			
Quantitative Result:	10 MG >		Reference Range:			
Add to List Clear						
	Result Date	Test Type	Qualitative Result	Quantitative Result	Entry Date	Entered By
Edit Remove	05/26/2010	HBSAG	NEGATIVE		05/26/2010	BUSCHM
Edit Remove	05/26/2010	ANTI-HBS	NEGATIVE		05/26/2010	BUSCHM
Notes Section						
Save Cancel						

- Laboratory is required
- Result Date is required
- Test Type is required
- Specimen Date is required.
- Qualitative Result or Quantitative Result is required
- Result Date cannot be a future date
- Result Date cannot be prior to the person's date of birth
- Result Date cannot be prior to Specimen Date
- Specimen Date cannot be a future date


Hepatitis B Perinatal Case Management – Case Tests Design

- Specimen Date cannot be prior to the person's date of birth
- Information has been entered to add to a list, click Add to List or Clear the information

Screen Display

- Lock Entry Fields
 - No Wrap
 - Yellow Space is added to right of fields/labels (not in the middle or left)
 - Grids set to 100% of full page
 - Add to List and Clear set to top right most of grid
 - Subheader titles (if needed) are bold
 - No borders on sections/tables
- Paging will be available in the TESTS grid when there are more than five rows of information, and the default is to initially show five at a time. Keep the current sort order when paging.
 - The tab order should default as top to bottom left to right unless otherwise stated.
 - No more than the maximum number of characters can be entered into the following fields:
 - **Tests**
 - Other Result - 64
 - Quantitative Result – 5 (ensure the database can hold 5 digits)
 - Reference Range – 64

II. JavaScript validations and behaviors:

- Date Fields: ((RESULT DATE, SPECIMEN DATE))
 - Display should include label, entry field, calendar icon, and format
[Label:  (mmddyyyy)]
 - Display “Invalid Date” to the right of the Date field that is not a valid date (i.e. does not have a valid month day year combination) as soon as the user leaves the field. Earliest valid date is 01011800.
 - Date fields - listed above – 10 (must have day and slashes in this date so it must be exactly 10 characters)
 - When click the calendar icon and select a date, keep the cursor on the date field so the user can tab to the next field.
 - Only allow entry of numbers and slashes (no characters)
- When the user scrolls, save the position. When the screen reloads, use the latest scroll position to redisplay the screen in the same position as it was before the reload.
- On select of a Test Type.
 - If ‘OTHER’ selected
Other Test Type textbox is enabled.
 - If not
Other Test Type is disabled.
- Ensure at least two different ‘OTHER’ Test Types can be added to list.
- On select of a Qualitative Result.
 - If ‘OTHER’ selected
Other Result textbox is enabled.
 - If not
Other Result textbox is disabled.
- Display Laboratory Name and Address after selected

Hepatitis B Perinatal Case Management – Case Tests Design

- To display the Name:
 - Select ORGANIZATION_NAME
 - From SURVWEB.SURVWEB_PARTY_NAME
 - Where CASE_PARTY.PARTY_ID = SURVWEB.SURVWEB_PARTY_NAME.PARTY_ID and SURVWEB.SURVWEB_PARTY_NAME(s) PRIMARY_NAME_INDICATOR = 'Y'
- To display the Address:
 - Select ADDRESS_1, CITY, STATE, COUNTY, ZIP_POSTAL
 - From COMMON.PARTY_LOCATOR pl, LOCATION.POSTAL_LOCATOR po,
 - WHERE CASE_PARTY.PARTY_ID = pl.party_id
 - AND pl.locator_id = po.locator_id
 - AND pl.locator_type = 'POSTAL'
 - AND pl.primary_indicator='Y'
 - AND pl.end_date IS NULL

III. Coding

- Grid Sort
 - TEST Grid sorted Result Date Descending
 - When click column header in grid, check that the sort is currently on that column.
 - If true
Sort list on that column ascending/descending (opposite current sort).
 - If false
Sort list on that column ascending.
 - When click a column header to change the sort, restart the user on page 1 of the grid with the new sort order.
 - Dates sort include the month, day and year.
 - The Entered By name column sorts on Last Name and then First Name.
- Drop down lists
 - Test Type (SURVWEB_LOOKUP_VALUE table – LIST_NAME: CASE_TEST TYPE)
 - Qualitative Result (SURVWEB_LOOKUP_VALUE table- ??)
 - Quantitative Result Unit (SURVWEB_LOOKUP_VALUE table- ??)
- TEXT Boxes (OTHER_TEST_TYPE, OTHER_RESULT, REFERENCE_RANGE,)
 - All text boxes transform text to uppercase on entry
 - Trim all spaces from the beginning and end of textbox text before checking it for errors and before storing it in the database

IV. Display grid links

- **Before Save** of Record – Display [Edit](#) and [Remove](#) links
- **After Save** of Record – Display Update and QA Role – [Edit](#) link only
Admin Role – [Edit](#) and [Remove](#)

V. Error messages

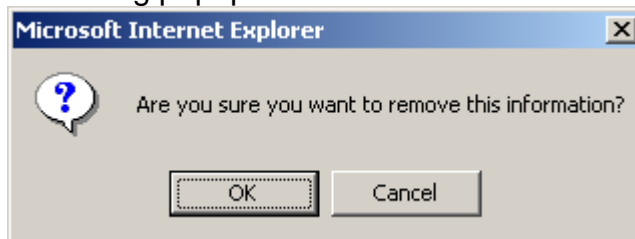
- Display in the order of the fields on the screen when [Add to List](#) is clicked or the **Save** button:
 - **Tests**
 - Laboratory is required
 - Result Date is required
 - Test Type is required

Hepatitis B Perinatal Case Management – Case Tests Design

- Specimen Date is required.
- Qualitative Result or Quantitative Result is required
- Result Date cannot be a future date
- Result Date cannot be prior to the person's date of birth
- Result Date cannot be prior to Specimen Date
- Specimen Date cannot be a future date
- Specimen Date cannot be prior to the person's date of birth
- Information has been entered to add to a list, click Add to List or Clear the information

VI. Buttons & Links

- Validation to display messages to the user will not be performed on [Clear](#) or on **Cancel**
- When click a [Clear](#) link
 - Clear out the entry fields in that section
 - Clear out error messages in that section.
- When click an [Add to List](#) link, validate entry fields in that section and their combinations.
- If passes validation
 - Add those items to the grid in a new row that has a [Remove](#) link sorted the same as prior to clicking the link
 - Clear out the entry fields in that section
 - Clear out error messages in that section. When add an item to the list, check to see what Show is set to and what the row number is for the newly added row.
 - Remember the Submitter and Laboratory in the entry fields for additional records.
- Display the page of the grid that the new row is added to.
- When click a [Remove](#) link
 - Display the following popup.



- If the user clicks OK
 - Remove the row and display grid
 - Clear out the entry fields in that section
 - Clear out error messages in that section.
- If the user clicks Cancel
 - Do not remove the row from the grid display and do not clear any entry fields or error messages.
- When click **Cancel** button, reload screen.

VII. Other Links

- [Search](#) - When click [Search](#) link, display the Search Organization screen in a popup (the screen should appear in a window wide and tall enough that all its fields are visible).
 - When a Person/Organization is selected, close the Search popup.
 - a. Display the selected person or organization name and Date of Birth (if applicable).
 - b. The [Remove](#) link should display when the person or organization has not yet added it to the list. Otherwise, the [Remove](#) link should be hidden.

Hepatitis B Perinatal Case Management – Case Tests Design

- Closing the Search Person or Organization screen without a selection should keep the cursor on the Search link without changing anything on the screen.
- The Type dropdown will be filtered using the lookup table – List Name: PROVIDER_ORG_TYPE.
 - a. Lab – Filter Value: TESTS LABORATORY
 - i. Laboratory
- When a Person is selected, close the Search popup. Display the selected party.
- [Name Link](#) - This screen lists all the matched information in the databases. Click the [Name Link](#) link to select a record.
- The Type dropdown will be filtered using the lookup table – List Name: PROVIDER_ORG_TYPE.
 - Lab – Filter Value: TESTS LABORATORY
 - a. Laboratory

VIII. Database routines

- a. Tests information will be stored in the SURVWEB_CASE_TESTS table. This will be a new table as shown below.

TABLE NAME: SURVWEB_CASE_TESTS

Column	Description
SURVWEB_CASE_TESTS_ID	PK
SURVWEB_CASE_ID	FK –
LABORATORY_PARTY_ID	SURVWEB_PARTY_ID for laboratory
TEST_TYPE	Test Type
TEST_TYPE_OTHER	Other Test Type
RESULT_DATE	Result Date
SPECIMEN_DATE	Specimen Collection Date
QUALITATIVE_RESULT	Qualitative Result
QUANTITATIVE_RESULT	Quantitative Result
QUANTITATIVE_RESULT_UNIT	Quantitative Result Unit
OTHER_RESULT	Other Result
REFERENCE_RANGE	Reference Range
ENTRY_DATETIME	Datetime of entry
ENTRY_USERID	Userid of person entering case
LAST_CHANGED_DATETIME	Datetime when record was last changed
LAST_CHANGED_USERID	Userid of person who last changed the record.

IX. Database routines – NOTES or COMMENTS

CASE NOTES - To display the Comments in various screens, use NOTE_TYPE for filter. Comments will be saved to SURVWEB_CASE_NOTE with a note type of TEST.